IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

C.C. Aggarwal et al.

SERIAL NO.:

09/686,115

FILED:

October 11, 2000

FOR:

METHODS AND APPARATUS FOR OUTLIER DETECTION

FOR HIGH DIMENSIONAL DATA SETS

ASSOCIATE POWER OF ATTORNEY

Please recognize JOSEPH B. RYAN, Reg. No. 37,922; KEVIN M. MASON, Reg. No. 36,597; WILLIAM E. LEWIS, Reg. No. 39,274; ROBERT J. MAURI, Reg. No. 41,180; and WAYNE L. ELLENBOGEN, Reg. No. 43,602; each of them of RYAN, MASON & LEWIS, LLP, 90 Forest Avenue, Locust Valley, New York 11560 as associate attorneys in the abovementioned application, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Telephone calls should be made to William E. Lewis by dialing (516) 759-2946.

All written communications are to be sent to William E. Lewis, Esq., Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560.

Dated

yan 9, 2001

Manny W. Schecter

Registration No. 31,722 Lauren C. Bruzzone

Registration No. 35,082

Attorneys for Applicant(s)

International Business Machines Corporation T.J. Watson Research Center Route 134 and Kitchawan Road Yorktown Heights, New York 10598